

# TEST REPORT

No.: ED180912040C003

Date: September 21, 2018

Page 1 of 6

**Applicant** : NINGBO CSTAR IMP & EXP CO., LTD

**Address** : FLOOR 4,BUILDING E, NO. 655-90,QIMING ROAD, YINZHOU INVESTMENT & INNOVATION CENTER, NINGBO, CHINA

**Sample Name** : Cable

**Sample Received Date** : September 13, 2018

**Testing Completed Date** : September 21, 2018

**Test Requested** :

1. As requested by client, according to the Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), to determine the Lead content in the submitted sample.
2. As requested by client, according to the Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), to determine the contents of the regulated phthalates in the submitted sample.
3. As requested by client, according to California Proposition 65, to determine the Cadmium content in the submitted sample.
4. As requested by client, according to California Proposition 65, to determine the Lead content in the submitted sample.
5. As requested by client, according to California Proposition 65, to determine the contents of the phthalates in the submitted sample.

**Test Results** : Please refer to next page(s).

## Executive Summary:

STANDARD	CONCLUSION
1. Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Total Lead (Pb) Requirement for children's products	PASS
2. Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Phthalates Requirement for toys and childcare articles	PASS
3. California Proposition 65 - Cadmium content (Client's Requirement)	PASS
4. California Proposition 65 - Lead contents (Client's Requirement)	PASS
5. California Proposition 65 - Phthalates contents (Client's Requirement)	PASS

Signed for and on behalf of  
EMTEK (Dongguan) Co., Ltd.

Prepared by: Flower  
Flower Liu  
Report Engineer

Reviewed by: Carrie  
Carrie Zhang  
Supervisor

Approved by: Lisa  
Lisa Li  
Manager

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# TEST REPORT

No.: ED180912040C003

Date: September 21, 2018

Page 2 of 6

## Test Results:

1. Lead contents: Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA)

Test Method: To refer to the test method CPSC-CH-E1001-08.3 &amp; CPSC-CH-E1002-08.3, the analysis was performed by AAS / ICP-OES.

Test Item	: Lead (Pb)				
Requirement	: 100 mg/kg				
Reporting limit	: 2 mg/kg				
Test Item No.	1/2	3/4	5/6	7	8
Test Result (mg/kg)	ND	ND	ND	ND	ND

Note: mg/kg = part per million = ppm ND = Not Detected (Less than Reporting limit value.)

2. Phthalates contents: Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA)

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC / MS.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Requirement (mg/kg)
	1/2	3/4	5/6		
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	30	1000
Dibutyl phthalate(DBP)	ND	ND	ND	30	1000
Benzylbutyl phthalate(BBP)	ND	ND	ND	30	1000
Diisononyl phthalate(DINP)	ND	ND	ND	50	1000
Diisobutyl phthalate(DIBP)	ND	ND	ND	30	1000
Di-n-pentyl phthalate(DPENP)	ND	ND	ND	30	1000
Di-n-hexyl phthalate(DHEXP)	ND	ND	ND	30	1000
Dicyclohexyl phthalate(DCHP)	ND	ND	ND	30	1000

Note: mg/kg = part per million = ppm ND = Not Detected (Less than Reporting limit value.)

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# TEST REPORT

No.: ED180912040C003

Date: September 21, 2018

Page 3 of 6

## Test Results:

### 3. Cadmium contents: California Proposition 65

Test Method: To refer to EPA 3052:1996 &amp; EPA 3050B:1996, the analysis was performed by ICP-OES.

Test Item	: Cadmium (Cd)				
Client's Requirement	: 200 mg/kg				
Reporting limit	: 2 mg/kg				
Test Item No.	1/2	3/4	5/6	7	8
Test Result (mg/kg)	ND	ND	ND	ND	ND

Note: mg/kg = part per million = ppm      ND = Not Detected (less than Reporting limit)

### 4. Lead contents: California Proposition 65

Test method: To refer to the test method CPSC-CH-E1001-08.3 &amp; CPSC-CH-E1002-08.3, the analysis was performed by AAS / ICP-OES.

Test Item	: Lead (Pb)				
Client's Requirement	: 200 mg/kg				
Reporting limit	: 2 mg/kg				
Test Item No.	1/2	3/4	5/6	7	8
Test Result (mg/kg)	ND	ND	ND	ND	ND

Note: mg/kg = part per million = ppm      ND = Not Detected (less than Reporting limit)

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# TEST REPORT

No.: ED180912040C003

Date: September 21, 2018

Page 4 of 6

## Test Results:

### 5. Phthalates contents: California Proposition 65

Test method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC:  
CPSC-CH-C1001-09.4, the analysis was performed by GC / MS.

Test Item	Test Result (mg/kg)			Reporting Limit (mg/kg)	Client's Requirement (mg/kg)
	1/2	3/4	5/6		
Diisononyl phthalate(DINP)	ND	ND	ND	50	1000
Diisobutyl phthalate(DIBP)	ND	ND	ND	30	1000
Di-n-pentyl phthalate(DPENP)	ND	ND	ND	30	1000
Di-n-hexyl phthalate(DHEXP)	ND	ND	ND	30	1000
Dicyclohexyl phthalate(DCHP)	ND	ND	ND	30	1000
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	30	1000
Dibutyl phthalate(DBP)	ND	ND	ND	30	1000
Benzylbutyl phthalate(BBP)	ND	ND	ND	30	1000
Di-n-octyl phthalate(DNOP)	ND	ND	ND	30	1000
Diisodecyl phthalate(DIDP)	ND	ND	ND	50	1000
Diethyl phthalate(DEP)	ND	ND	ND	30	1000

Note: mg/kg = part per million = ppm

ND = Not Detected (Less than Reporting limit)

## Tested Materials:

No.	Description
1	White hard plastic (plug of USB)
2	Matt black hard plastic (plug of USB)
3	White soft plastic (wire of USB)
4	Black soft plastic (wire of USB)
5	White soft plastic (plug of USB)
6	Black soft plastic (plug of USB)
7	Silver metal (big plug of USB)
8	Silver metal (small plug of USB)

Remark: As specified by client, the samples were proceeded mixed testing.

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## TEST REPORT

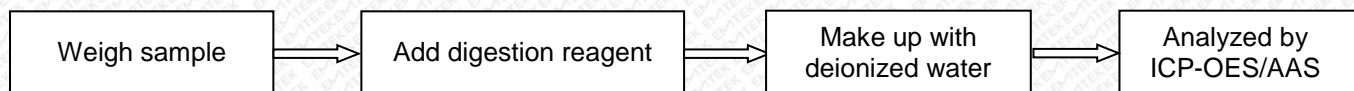
No.: ED180912040C003

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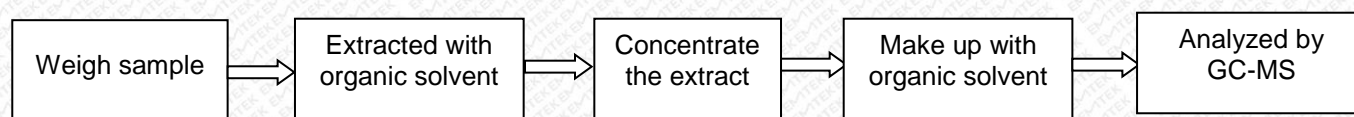
Page 5 of 6

### Test Flowchart

#### Pb/Cd Test Process:



#### Phthalates Test Process:



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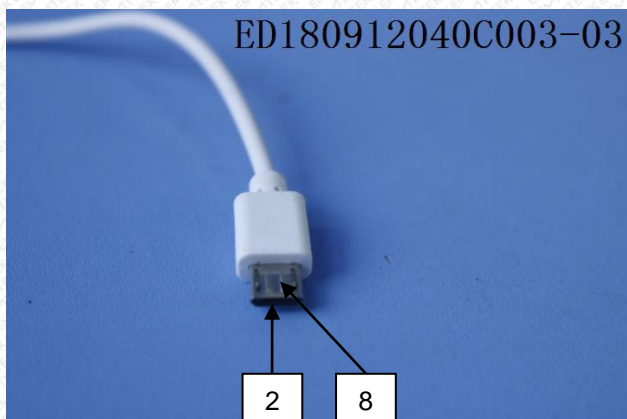
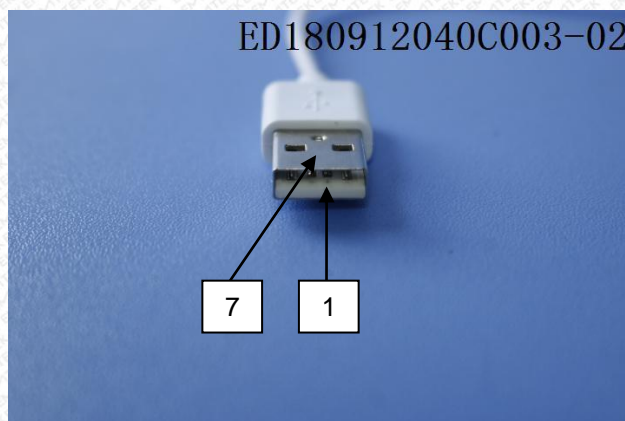
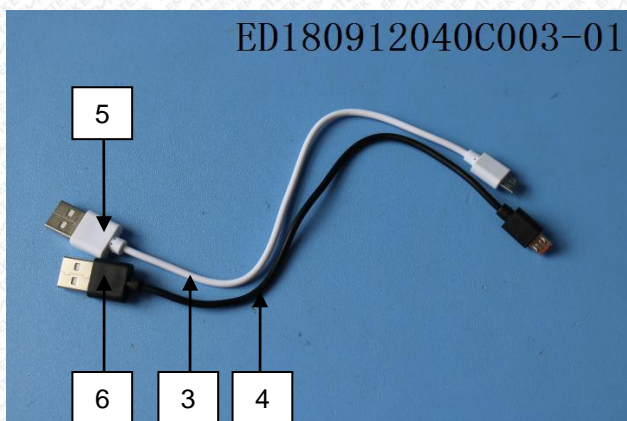
# TEST REPORT

No.: ED180912040C003

Date: September 21, 2018

Page 6 of 6

## Photo Appendix



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